

Prime Polypro (Film) Product Data Sheet

Prime Polymer Co.,Ltd.

Properties		Unit	Test Method		Test Conditions	Homo			Random	Random
			JIS	ISO		F-300SP	F113G	F107BV	F327BV	F337D
General Properties	Melt Flow Rate	g/10min	K 7210	1133	230°C	3.0	3.0	7.0	7.0	7.0
	Density	kg/m ³	K 7112	1183		910	910	910	910	910
Mechanical Properties	Tensile strength at Yield	MPa	K 7161	527		34.0	37.0	36.0	23.0	23
	Tensile Elongation at Break	%	K 7161	527		120	120	100	200<	>200
	Tensile Modulus	MPa	K 7161	527		1,400	1,600	1,600	850	800
	Charpy Impact Strength	kJ/m ²	K 7111	179	23°C	6.0	5.5	4.0	12.0	13
			K 7111	179	-20°C	—	—	—	—	—
	Heat Deflection Temperature	°C	K 7191	75	0.45MPa	100	110	105	80	75
Rockwell Hardness	—	K 7202	2039-2	R scale	100	100	105	85	80	
Characteristics						General	High Rigidity	General	Low heat seal	Super-Low heat seal
Main application						BOPP	BOPP	CPP	CPP	CPP
							Flat yarn,mono filament			
							Injection,House ware			

- ◇ Data described in this catalog are representative figures obtained by measurement under specific conditions.
- ◇ It is the customers responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose.
- ◇ Please check industrial property rights before start production.
- ◇ Please consult with your primepolymer representative when our products to be used in medical application.
- ◇ To improve the quality, information contained in this catalog could be changed without notice.